NORTH CAROLINA DEPARTMENT OF TRANSPORTATION GEOTECHNICAL UNIT BORING LOG

PROJECT NO. 33198.1.1 ID. B-3652 COUNTY GUILFORD GEOLOGIST O.B. OTI													
SITE DESC		BF	RIDGE	E NO	20	ON -L- (S	R 4121)	OVER DEE	P RIVER				GROUND WATER
BORING N	0. B2	-B	B	ORIN(G LOCA	ATION 224	-20	OFFSET	II' RT	AL	IGN:	MENT -L-	0 HR. N/A
COLLAR F	ELEVATIO)N	718.6	′	N	ORTHING 8	7579		EASTING	3	720	0321	24 HR. 1.9'
TOTAL DE	PTH 29	3.8	D	RILL	MACH	INE CME-550		DRILL METH	OD N-CA	SING	′C0	RE HAMMER TYP	E AUTOMATIC
START DA	TE 5/	4/0	4		COMPI	ETION DATE	5/5/0	4 SUR	FACE WATI	ER DEP	TH	N/A DEPTH TO	ROCK 16.8'
ELEV.	DEPTH	BL0	W C	TNUC	PEN.	BLOWS	PER F	-00T	SAMPLE NUMBER	V/	LO	SOIL AND DESCRIP	ROCK
	(FT.)	0.5	<u> 10.5</u>	<u> 10.5</u>	1(1.)	25		15 100	NUMBER	MOI.	G	DESCINII	TON
718.6	<u> </u>		-									V	
715.0	2.8	7	3	2	1.0							ALLUVIA	
	Ė					LL1						GRAY-TAN-BROWN,	SANDY SILT
_	7.8	55	45		0.7			100+					
710.0 -	+ '.0		73		`							WEATHERED ROCK (METAVOI CANIC)
-	‡.												
705.0 -	12.8	19	17	8	1.0	25*			SS-17	W		RESIDUA GREEN-GRAY, S	
-	‡							=======================================			W	WEATHERED ROCK (
700.0	16.8	60			0.0			-60/0.0 X				CRYSTALLIN	E ROCK,
	F		ŀ									GRAY-GREEN, SL	IGHTLY AND
	Ξ.											VERY SLIGHTLY W	EATHERED TO
	E		ľ						RS-3			FRESH, VERY HARD.	VERY CLOSELY
	<u> </u>											FRACTURED, META	VOLCANIC ROCK
690.0	<u></u>								RS-4			REC=98% F	QD=83%
	 	 	<u> </u>	<u> </u>		CORING	TERMIN	ATED AT			7.		
-	‡					1	ł	3.8 EEET			ŀ		
685.0 -	F					1 1	į	IE ROCK					
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680.0 -	F	-				L							
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SHEET 11

CORE BORING REPORT										
PRO	JECT:	33198.1	<u>.1'</u> ,	ID:	B-30	652	COUNTY: Guilford BORING NO: B2-B			
DESCRIPTION: Bridge No. 20 on -L- (SR 4121) over Deep River										
LOC	ATION	OF BORIN	1G:	-L- Sta	. 22+20	D, 11' RT	COMPLETION DATE: 5/5/04			
COL	LAR or	GROUND	ELEV	ATION:	718	<u>.6</u> ft	CORE SIZE: NXWL GEOLOGIST: O.B. Oti			
COR	E EQUI	PMENT:				N-Casing	J, CME-550 DRILLER: H.R. Conley			
		DRILL		REC	RQD	0414515				
ELEV (ft)	DEPTH (ft)	RATE (min/ft)	RUN (ft)	(ft) (%)	(ft) (%)	SAMPLE NUMBER				
701.8	16.8	2:02 3:14		2.7	1.8		Gray-green, slightly weathered, very hard, very closely fractured, fine grained metavolcanic rock			
		3:16	3.0							
698.8	19.8	*		(90%)	(60%)	. ·				
698.8	19.8	2:34 2:26		5.0	4.0		Gray-green, very slightly weathered to fresh, very hard, very closely fractured, fine grained metavolcanic rock			
		2:50	5.0							
693.8	24.8	2:51		(100%)	(80%)					
693.8	24.8	2:02 2:11		5.0	5,0	ı	Gray-green, very slightly weathered to fresh, very hard, very closely fractured, fine grained metavolcanic rock			
		2:09	5.0			28.0-28.5	metavoicanic rock			
688.8	29.8	2:10 2:11		(100%)	(100%)					
				:	-					
			-							
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S Technological Lo	-T-1989-2004-201-201-0-1				ione vo menutació		BOREHOLE TERMINATED AT ELEVATION OF 688.8 FEET, IN METAVOLCANIC ROCK.			